



# NETWORK OPERATING INSTRUCTIONS 12pCO DOMINO System

Hydronic modular groups with scroll  
compressors



## 1. Network Configuration

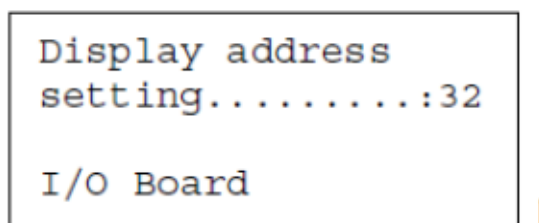
The software provides customizing the network configuration based on the number of units chiller + heat pump and only chiller units. The software provides for the assignment of addresses to PCOS cards on the network. The addresses to be assigned to the PCO units in the network are the progressive values ranging from 1 (for the Master unit) up to 12. In particular, in the case of a network of machines composed by machines chiller and heat pump, the only Chiller units will receive the last P-Lan network addresses, for example a configuration with 7 units of which 4 heat pumps and 3 only chiller, the 4 heat pumps must have address, respectively, 1, 2, 3 and 4, while only chiller units respectively 5, 6 and 7. This is because during winter, the operation mode will be only heat pumps and the master must necessarily be one of them.

## 2. Address Configuration Operating Instructions

We show below an example of an address configuration using the accessory kit DOMINO GENIUS:

1)

- disconnect the network connector for each machine
- connect the terminal to the pCO
- give power to the board
- press the ENTER key and the two directional buttons for more than 5 seconds, the following screen will appear



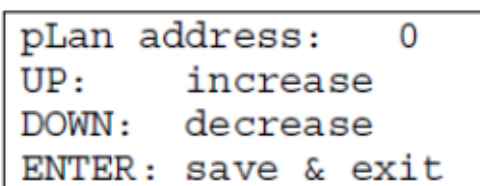
```
Display address
setting.....:32

I/O Board
```

- change the address on the keypad press ENTER, change the value to 0 and press ENTER again to confirm
- power off the Pco card

2)

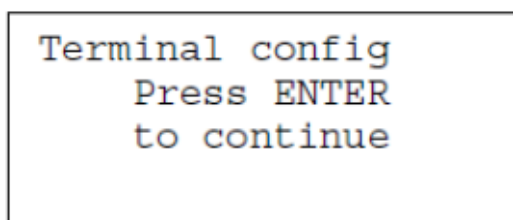
- Power up again Pco and simultaneously press the ALARM key and the Up arrow until the appearance of the mask



```
pLan address: 0
UP: increase
DOWN: decrease
ENTER: save & exit
```

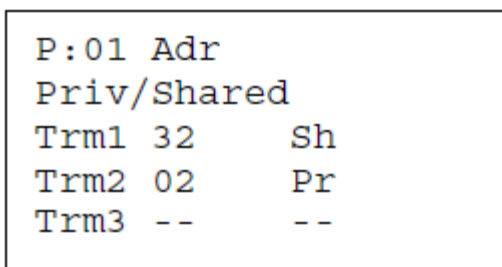
- Set 1 for the Master address by pressing UP and DOWN buttons and then press ENTER to confirm

- Remove power to the board Pco
  - Disconnect the GENIUS terminal and connect it to the other units and repeat step 2) by assigning the addresses according to the rules written above
  - After these operations reconnect the GENIUS terminal to the Master unit
- 3)
- Give power to the Pco board by simultaneously pressing the ENTER and the arrow keys for 5 seconds, this screen will reappear

A screenshot of a terminal screen with a black background and white text. The text reads: 'Terminal config', 'Press ENTER', 'to continue'.

```
Terminal config
Press ENTER
to continue
```

- to change the keypad address press ENTER, the following screen will appear

A screenshot of a terminal screen with a black background and white text. The text shows configuration options for three terminals: 'P:01 Adr', 'Priv/Shared', 'Trm1 32 Sh', 'Trm2 02 Pr', and 'Trm3 -- --'.

```
P:01 Adr
Priv/Shared
Trm1 32 Sh
Trm2 02 Pr
Trm3 -- --
```

- set address 16 and in the adjacent field you must set SH (share) and press ENTER to confirm.

After configuring all units, restore the network connections and power up the system.

At this point the main menu mask will appear. To view SLAVEs press the INFO button and in the mask that appears, press ENTER and enter the address of the unit to control and press ENTER again to confirm. To return from a SLAVE to MASTER, you must log into the INFO mask and set address 1.

4)

At the end of the addressing operation, you can then proceed to complete the configuration steps of the network. In the C4 mask in the manufacturer branch of the MASTER card, you can enter the number of units only chiller and the number of heat pump units of the network, and in the C1 mask you can enable the B2 probe (outlet water temperature system).

**For modular units ordered with MASTER & SLAVE configuration, the customer must only perform the procedure in step 3).**